

GRINDING PCD

INDUSTRY:



MACHINE &

MACHINED MATERIALS:

Agathon, Wendt and for all indexable insert grinding machines

PCD brazed onto a solid carbide body

DESCRIPTION:

When grinding an insert, it is precisely clamped by two anvils. The contour, including the radius and cutting edge of the insert, is created by means of peripheral grinding, while in-process dressing keeps the grinding wheel constantly sharp. The general allowance is approx. 0.25mm.

FEATURES & BENEFITS:

Reduced wheel wear:

- ▶ Thanks to high-quality components and optimised in-process cleaning, significantly less wheel wear is achieved

Accelerated cycle time:

- ▶ The wheel remains sharp even at high cutting volumes and temperatures

Improved quality:

- ▶ Lower grinding forces lead to better quality outcomes

Exceptionally large PCD volumes:

- ▶ Are handled effortlessly

Shipping sensitive PCD types:

- ▶ Are mastered with grain sizes down to MD8

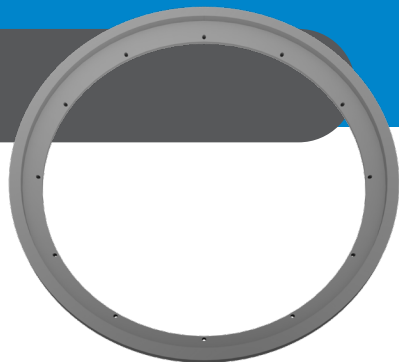
TOOLS:

- ▶ 774146 12A2 51° Ø400 W12 X10 D16 SPV519
- ▶ 784303 12A2 51° Ø400 W8 X10 MD10 SPV540

Grain size:

- ▶ MD8-MD16

Diameter D = up to 400mm/Width W = 8-16mm/
Layer X = 8 or 10mm



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